

Peak District National Park

Forecast valid from 06:00 on Saturday 15 Jan 2022 until 23:59 on Sunday 16 Jan 2022

Forecast Issued on Saturday 15 Jan 2022 at 03:55

Confidence: Mainly settled conditions with high pressure in the south dominating the weather for the Peak District. Lower confidence in the mist and fog risk and cloud amounts over the coming days but periods of dry and bright weather are likely interspersed with a few periods of wet and low cloud conditions.

Headline for Saturday 15 Jan 2022: A dry and bright day, perhaps some mist and fog first thing, thicker cloud in the afternoon and evening.

Mountain weather hazards on Saturday 15 Jan 2022

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy Snow
No Likelihood

Severe chill effect
Medium Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Clear night	Sunny	Sunny intervals	Sunny intervals	Partly cloudy (night)	Cloudy
Precipitation probability					
00%	00%	10%	10%	10%	20%

Forecast for Saturday 15 Jan 2022

Weather: A mainly clear and dry night although mist and fog patches may reach the south of the park and may be slow to clear in the morning. Elsewhere it will be a bright and dry morning with some sunshine. Cloud will increase through the afternoon with the risk of some mist and fog forming on south facing slopes in the late afternoon again.

Chance of cloud free mountain/hill tops above 600m: 100% in the morning but 40% by late afternoon.

Visibility: Good or very good visibility for most of the day. Cloud bases will become broken at 500m later in the afternoon, perhaps scattered at 600m around northern areas where there will be a little shelter. Visibility may be poor again in any early evening mist and fog.

Forecast for Saturday 15 Jan 2022

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/16 S	11/15 S	13/17 SW	16/22 SW	13/18 SW	15/21 SW	17/24 SW
300	9/13 SE	7/9 S	9/13 SW	10/15 SW	8/13 SW	9/15 SW	11/19 SW
Valley	4/10 SE	3/7 SE	6/12 S	6/13 SW	3/11 SW	5/14 SW	6/16 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/1	2/-2	1/-4	1/-5	1/-4	1/-4	1/-4
300	5/2	3/0	3/-1	3/-1	3/0	3/-0	4/-0
Valley	2/0	2/0	4/1	4/1	3/1	4/1	4/1
Freezing Level*	900m	800m	700m	800m	900m	1000m	900m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Feeling cool as freezing level falls towards the summits, the stronger winds in the afternoon will enhance this further.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 15 Jan 2022	0mm	0.2mm	0.2mm

Forecast for Sunday 16 Jan 2022

Weather: Some early outbreaks of rain accompanied by some mist and fog will clear south later in the day with a fresh northerly airstream following, although feeling cold it will turn into a bright and dry afternoon with very good visibility.

Maximum wind: Northwesterly 15-20mph. Gusts 25mph in the early morning, easing later.

Chance of cloud free mountain/hill tops above 600m: 60% in the early morning becoming 100% in the afternoon.

Visibility: Visibility will be poor around dawn with some mist and fog patches but as light rain affects the Peak District this will clear south and cloud will clear to leave very good visibility for the rest of the day. Cloud bases will be scattered or broken at 5-600m around dawn but will soon improve with very little cloud at all in the afternoon.

Temperature: **Valleys:** Plus 3 rising to 6 Celsius.
At 600m: Plus 3 Celsius falling to Zero Celsius.
Freezing level: Above the summits falling to around 700m